

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-077984

(43)Date of publication of application : 15.03.2002

(51)Int.Cl.

H04Q 7/36
H04J 3/16
H04L 12/28
H04M 3/00

(21)Application number : 2000-259107

(71)Applicant : TOSHIBA CORP

(22)Date of filing : 29.08.2000

(72)Inventor : NAKAMURA SHIYOUICHI

(54) POINT/MULTIPOINT SUBSCRIBER RADIO SYSTEM AND TRANSMISSION BAND ALLOCATING SYSTEM IN POINT/MULTIPOINT RADIO COMMUNICATION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a point/multipoint subscriber radio system where the transmission line of a radio line can be secured and a transmission band can effectively be used in data communication which flows in terms of burst, and to provide a transmission band allocating system in point/multipoint radio communication.

SOLUTION: When data to be transmitted is generated, a subscriber station device 20i gives the acquirement request of a preferential reservation slot by a request slot Di (preferential slot request). When data increases in terms of burst and the transmission band lacks only by the preferential reservation slot, the subscriber station device 20i gives the acquirement request of a common reservation slot by the request slot Di (shared slot request). When a base station device 10

receives the request slot Di and the shared reservation slot is idle, it transmits the reservation result of permission to the subscriber station device 20i by using a random access slot R (reservation result notice (permission)).

